UNISOURCE ENERGY CORP

Form 4

March 16, 2007

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Check this box if no longer

subject to Section 16. Form 4 or

Form 5 obligations

may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *

HANSEN THOMAS N

(First) (Middle)

(Last)

1 S. CHURCH AVENUE, UE183

(Street)

TUCSON, AZ 85701

(Instr. 3)

2. Issuer Name and Ticker or Trading

Symbol

UNISOURCE ENERGY CORP [UNS]

3. Date of Earliest Transaction

(Month/Day/Year) 03/14/2007

4. If Amendment, Date Original

Filed(Month/Day/Year)

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

0.5

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

Director 10% Owner Other (specify

X_ Officer (give title below) below)

Vice Preisdent of sub-TEP

6. Ownership

Form: Direct

(D) or Indirect Beneficial

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

(I)

(Instr. 4)

Person

5. Amount of

Securities

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

(City) (State) (Zip)

1.Title of 2. Transaction Date 2A. Deemed Security

(Month/Day/Year)

Execution Date, if (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code (Instr. 8)

Disposed of (D) (Instr. 3, 4 and 5)

Beneficially Owned Following Reported (A)

Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

any

5. Number 4. Transaction of Derivative Expiration Date Code Securities

6. Date Exercisable and (Month/Day/Year)

7. Title and Amount of 8. Price **Underlying Securities** (Instr. 3 and 4)

7. Nature of

Ownership

(Instr. 4)

Indirect

Deriva

Securi

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(Instr. 3)	Price of Derivative Security	(Month/Day/Yea	er) (Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)						(Instr.
			Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Phantom Stock Units (1)	\$ 0 (3)	03/14/2007	A	13.48		(1)(2)	(2)	Common Stock	13.48	\$ 37

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

HANSEN THOMAS N 1 S. CHURCH AVENUE UE183 TUCSON, AZ 85701

Vice Preisdent of sub-TEP

Signatures

C. David Lamoreaux, Attorney in Fact

03/16/2007

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Credited as fully-vested dividend equivalents under the UniSource Energy Corporation Management and Directors Deferred Compensation Plan (the "DCP") with respect to dividends declard by the issuer on its Common Stock.
- (2) Payable at the time or times elected by the reporting person under the DCP and subject to earlier payment in accordance with the DCP.
- (3) Converts to common stock on a 1-for-1 basis.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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